



Customer Information Notification

2023090111 : FS84_FS85C Data Sheet Update Rev 10.0 (Technical Clarifications / Corrections)

Note: This notice is NXP Company Proprietary.

Issue Date: Dec 22, 2023 **Effective date:** Dec 23, 2023

Here is your personalized notification about a NXP general announcement.
For detailed information we invite you to view this notification online

Change Category

- | | | | | |
|--|---|--|--|---|
| ☐ Wafer
Fab
Process | ☐ Assembly
Process | ☐ Product Marking | ☐ Test
Process | ☐ Design |
| ☐ Wafer
Fab
Materials | ☐ Assembly
Materials | ☐ Mechanical Specification | ☐ Test
Equipment | ☐ Errata |
| ☐ Wafer
Fab
Location | ☐ Assembly
Location | ☐ Packing/Shipping/Labeling | ☐ Test
Location | ☐ Electrical
spec./Test
coverage |
| ☐ Firmware | ☒ Other: Data Sheet Update (Technical Clarifications / Corrections) | | | |

PCN Overview

Description

NXP Semiconductors announces the FS84_FS85C data sheet update to revision 10.0 for the FS8400_FS8500 Family of Fail-Safe System Basis Chip devices associated with this notification. Please see the revision history included in the updated document for a detailed description of the changes.

New FS84_FS85C data sheet revision 10.0 can be accessed from the NXP secure portal:
<https://www.nxp.com/webapp/sd/collateral/1701185219931716286707?version=9.1>

Corresponding ZVEI Delta Qualification Matrix ID: SEM-DS-02

Reason

The data sheet has been updated for technical clarifications and corrections. Please see the revision history included in the updated document for a detailed description of the changes.

Identification of Affected Products

Product identification does not change

Anticipated Impact on Form, Fit, Function, Reliability or Quality

No Impact on form, fit, function, reliability or quality

Data Sheet Revision

A new datasheet will be issued

Additional information

Additional documents: [view online](#)

Contact and Support

For all inquiries regarding the ePCN tool application or access issues, please contact NXP "Global Quality Support Team".

For all Quality Notification content inquiries, please contact your local NXP Sales Support team.

For specific questions on this notice or the products affected please contact our specialist directly:

Name	Richard Shi
Position	Applications Engineering
e-mail address	richard.shi@nxp.com

At NXP Semiconductors we are constantly striving to improve our product and processes to ensure they reach the highest possible Quality Standards. Customer Focus, Passion to Win.

NXP Quality Management Team.

About NXP Semiconductors

NXP Semiconductors N.V. (NASDAQ: NXPI) provides High Performance Mixed Signal and Standard Product solutions that leverage its leading RF, Analog, Power Management, Interface, Security and Digital Processing expertise. These innovations are used in a wide range of automotive, identification, wireless infrastructure, lighting, industrial, mobile, consumer and computing applications.

You have received this email because you are a designated contact or subscribed to NXP Quality Notifications. NXP shall not be held liable if this Notification is not correctly distributed within your organization.

This message has been automatically distributed. Please do not reply.

NXP Semiconductors
High Tech Campus, 5656 AG Eindhoven, The Netherlands

© 2006-2023 NXP Semiconductors. All rights reserved.

Orderable Part Number#	12NC	Product Type	Product Description	Package Outline	Package Description	Product Status	Customer Specific Indicator	Product Line
MC33FS8510A3ES	935380405557	MC33FS8510A3ES	F58510	H(V)QFN56WF	SOT684-23	DOD	No	BLC4
MC33FS8510A3ESR2	935380405528	MC33FS8510A3ESR2	F58510	H(V)QFN56WF	SOT684-23	DOD	No	BLC4
MC33FS8510C4ES	935397677557	MC33FS8510C4ES	F58510	H(V)QFN56WF	SOT684-23	ASM	No	BLC4
MC33FS8510C4ESR2	935397677528	MC33FS8510C4ESR2	F58510	H(V)QFN56WF	SOT684-23	ASM	No	BLC4
MC33FS8400G0ES	935410413557	MC33FS8400G0ES	F58400	H(V)QFN56WF	SOT684-23	RFS	No	BLC4
MC33FS8400G0ESR2	935410413528	MC33FS8400G0ESR2	F58400	H(V)QFN56WF	SOT684-23	RFS	No	BLC4
MC33FS8400G0KS	935423205557	MC33FS8400G0KS	F58400 CO, QFN56 8*8	H(V)QFN56WF	SOT684-23	RFS	No	BLC4
MC33FS8400G0KSR2	935423205528	MC33FS8400G0KSR2	F58400 CO, QFN56 8*8	H(V)QFN56WF	SOT684-23	RFS	No	BLC4
MC33FS8400G5ES	935377649557	MC33FS8400G5ES	F58400	H(V)QFN56WF	SOT684-23	RFS	No	BLC4
MC33FS8400G5ESR2	935377649528	MC33FS8400G5ESR2	F58400	H(V)QFN56WF	SOT684-23	RFS	No	BLC4
MC33FS8400G5KS	935423212557	MC33FS8400G5KS	F58400 CO, QFN56 8*8	H(V)QFN56WF	SOT684-23	RFS	No	BLC4
MC33FS8400G5KSR2	935423212528	MC33FS8400G5KSR2	F58400 CO, QFN56 8*8	H(V)QFN56WF	SOT684-23	RFS	No	BLC4
MC33FS8405G0ES	935410415557	MC33FS8405G0ES	F58405	H(V)QFN56WF	SOT684-23	RFS	No	BLC4
MC33FS8405G0ESR2	935410415528	MC33FS8405G0ESR2	F58405	H(V)QFN56WF	SOT684-23	RFS	No	BLC4
MC33FS8405G0KS	935423214557	MC33FS8405G0KS	F58400 CO, QFN56 8*8	H(V)QFN56WF	SOT684-23	RFS	No	BLC4
MC33FS8405G0KSR2	935423214528	MC33FS8405G0KSR2	F58400 CO, QFN56 8*8	H(V)QFN56WF	SOT684-23	RFS	No	BLC4
MC33FS8410G0ES	935410417557	MC33FS8410G0ES	F58410	H(V)QFN56WF	SOT684-23	RFS	No	BLC4
MC33FS8410G0ESR2	935410417528	MC33FS8410G0ESR2	F58410	H(V)QFN56WF	SOT684-23	RFS	No	BLC4
MC33FS8410G0KS	935423207557	MC33FS8410G0KS	F58400 CO, QFN56 8*8	H(V)QFN56WF	SOT684-23	RFS	No	BLC4
MC33FS8410G0KSR2	935423207528	MC33FS8410G0KSR2	F58400 CO, QFN56 8*8	H(V)QFN56WF	SOT684-23	RFS	No	BLC4
MC33FS8410G3ES	935377647557	MC33FS8410G3ES	F58410	H(V)QFN56WF	SOT684-23	RFS	No	BLC4
MC33FS8410G3ESR2	935377647528	MC33FS8410G3ESR2	F58410	H(V)QFN56WF	SOT684-23	RFS	No	BLC4
MC33FS8410G3KS	935423192557	MC33FS8410G3KS	F58400 CO, QFN56 8*8	H(V)QFN56WF	SOT684-23	RFS	No	BLC4
MC33FS8410G3KSR2	935423192528	MC33FS8410G3KSR2	F58400 CO, QFN56 8*8	H(V)QFN56WF	SOT684-23	RFS	No	BLC4
MC33FS8410G6ES	935377652557	MC33FS8410G6ES	F58410	H(V)QFN56WF	SOT684-23	RFS	No	BLC4
MC33FS8410G6ESR2	935377652528	MC33FS8410G6ESR2	F58410	H(V)QFN56WF	SOT684-23	RFS	No	BLC4
MC33FS8410G6KS	935423194557	MC33FS8410G6KS	F58400 CO, QFN56 8*8	H(V)QFN56WF	SOT684-23	RFS	No	BLC4
MC33FS8410G6KSR2	935423194528	MC33FS8410G6KSR2	F58400 CO, QFN56 8*8	H(V)QFN56WF	SOT684-23	RFS	No	BLC4
MC33FS8415G0ES	935410419557	MC33FS8415G0ES	F58415	H(V)QFN56WF	SOT684-23	RFS	No	BLC4
MC33FS8415G0ESR2	935410419528	MC33FS8415G0ESR2	F58415	H(V)QFN56WF	SOT684-23	RFS	No	BLC4
MC33FS8415G0KS	935423209557	MC33FS8415G0KS	F58400 CO, QFN56 8*8	H(V)QFN56WF	SOT684-23	RFS	No	BLC4
MC33FS8415G0KSR2	935423209528	MC33FS8415G0KSR2	F58400 CO, QFN56 8*8	H(V)QFN56WF	SOT684-23	RFS	No	BLC4
MC33FS8415GJES	935426532557	MC33FS8415GJES	F58500	H(V)QFN56WF	SOT684-23	RFS	No	BLC4
MC33FS8415GJESR2	935426532528	MC33FS8415GJESR2	F58500	H(V)QFN56WF	SOT684-23	RFS	No	BLC4
MC33FS8415GJKS	935427881557	MC33FS8415GJKS	F58400 CO, QFN56 8*8	H(V)QFN56WF	SOT684-23	RFS	No	BLC4
MC33FS8415GJKSR2	935427881528	MC33FS8415GJKSR2	F58400 CO, QFN56 8*8	H(V)QFN56WF	SOT684-23	RFS	No	BLC4
MC33FS8415GYES	935426937557	MC33FS8415GYES	F58400	H(V)QFN56WF	SOT684-23	RFS	No	BLC4
MC33FS8415GYESR2	935426937528	MC33FS8415GYESR2	F58400	H(V)QFN56WF	SOT684-23	RFS	No	BLC4
MC33FS8415GYKS	935427807557	MC33FS8415GYKS	F58400 CO, QFN56 8*8	H(V)QFN56WF	SOT684-23	RFS	No	BLC4
MC33FS8415GYKSR2	935427807528	MC33FS8415GYKSR2	F58400 CO, QFN56 8*8	H(V)QFN56WF	SOT684-23	RFS	No	BLC4
MC33FS8420G0ES	935410422557	MC33FS8420G0ES	F58420	H(V)QFN56WF	SOT684-23	RFS	No	BLC4
MC33FS8420G0ESR2	935410422528	MC33FS8420G0ESR2	F58420	H(V)QFN56WF	SOT684-23	RFS	No	BLC4
MC33FS8420G0KS	935423216557	MC33FS8420G0KS	F58400 CO, QFN56 8*8	H(V)QFN56WF	SOT684-23	RFS	No	BLC4
MC33FS8420G0KSR2	935423216528	MC33FS8420G0KSR2	F58400 CO, QFN56 8*8	H(V)QFN56WF	SOT684-23	RFS	No	BLC4
MC33FS8425G0ES	935410704557	MC33FS8425G0ES	F58425	H(V)QFN56WF	SOT684-23	RFS	No	BLC4
MC33FS8425G0ESR2	935410704528	MC33FS8425G0ESR2	F58425	H(V)QFN56WF	SOT684-23	RFS	No	BLC4
MC33FS8425G0KS	935423218557	MC33FS8425G0KS	F58400 CO, QFN56 8*8	H(V)QFN56WF	SOT684-23	RFS	No	BLC4
MC33FS8425G0KSR2	935423218528	MC33FS8425G0KSR2	F58400 CO, QFN56 8*8	H(V)QFN56WF	SOT684-23	RFS	No	BLC4
MC33FS8430G0ES	935377488557	MC33FS8430G0ES	F58430	H(V)QFN56WF	SOT684-23	RFS	No	BLC4
MC33FS8430G0ESR2	935377488528	MC33FS8430G0ESR2	F58430	H(V)QFN56WF	SOT684-23	RFS	No	BLC4
MC33FS8430G0KS	935423196557	MC33FS8430G0KS	F58400 CO, QFN56 8*8	H(V)QFN56WF	SOT684-23	RFS	No	BLC4
MC33FS8430G0KSR2	935423196528	MC33FS8430G0KSR2	F58400 CO, QFN56 8*8	H(V)QFN56WF	SOT684-23	RFS	No	BLC4
MC33FS8430G1ES	935377643557	MC33FS8430G1ES	F58430	H(V)QFN56WF	SOT684-23	RFS	No	BLC4
MC33FS8430G1ESR2	935377643528	MC33FS8430G1ESR2	F58430	H(V)QFN56WF	SOT684-23	RFS	No	BLC4
MC33FS8430G1KS	935423198557	MC33FS8430G1KS	F58400 CO, QFN56 8*8	H(V)QFN56WF	SOT684-23	RFS	No	BLC4
MC33FS8430G1KSR2	935423198528	MC33FS8430G1KSR2	F58400 CO, QFN56 8*8	H(V)QFN56WF	SOT684-23	RFS	No	BLC4
MC33FS8430G2ES	935377645557	MC33FS8430G2ES	F58430	H(V)QFN56WF	SOT684-23	RFS	No	BLC4
MC33FS8430G2ESR2	935377645528	MC33FS8430G2ESR2	F58430	H(V)QFN56WF	SOT684-23	RFS	No	BLC4
MC33FS8430G2KS	935423201557	MC33FS8430G2KS	F58400 CO, QFN56 8*8	H(V)QFN56WF	SOT684-23	RFS	No	BLC4
MC33FS8430G2KSR2	935423201528	MC33FS8430G2KSR2	F58400 CO, QFN56 8*8	H(V)QFN56WF	SOT684-23	RFS	No	BLC4
MC33FS8430G4ES	935378137557	MC33FS8430G4ES	F58430	H(V)QFN56WF	SOT684-23	RFS	No	BLC4
MC33FS8430G4ESR2	935378137528	MC33FS8430G4ESR2	F58430	H(V)QFN56WF	SOT684-23	RFS	No	BLC4
MC33FS8430G4KS	935423203557	MC33FS8430G4KS	F58400 CO, QFN56 8*8	H(V)QFN56WF	SOT684-23	RFS	No	BLC4
MC33FS8430G4KSR2	935423203528	MC33FS8430G4KSR2	F58400 CO, QFN56 8*8	H(V)QFN56WF	SOT684-23	RFS	No	BLC4
MC33FS8435G0ES	935410706557	MC33FS8435G0ES	F58435	H(V)QFN56WF	SOT684-23	RFS	No	BLC4
MC33FS8435G0ESR2	935410706528	MC33FS8435G0ESR2	F58435	H(V)QFN56WF	SOT684-23	RFS	No	BLC4
MC33FS8435G0KS	935423221557	MC33FS8435G0KS	F58400 CO, QFN56 8*8	H(V)QFN56WF	SOT684-23	RFS	No	BLC4
MC33FS8435G0KSR2	935423221528	MC33FS8435G0KSR2	F58400 CO, QFN56 8*8	H(V)QFN56WF	SOT684-23	RFS	No	BLC4
MC33FS8435GBES	935442912557	MC33FS8435GBES	F58500	H(V)QFN56WF	SOT684-23	RFS	No	BLC4
MC33FS8435GBESR2	935442912528	MC33FS8435GBESR2	F58500	H(V)QFN56WF	SOT684-23	RFS	No	BLC4
MC33FS8500A0ES	935403794557	MC33FS8500A0ES	F58500	H(V)QFN56WF	SOT684-23	RFS	No	BLC4
MC33FS8500A0ESR2	935403794528	MC33FS8500A0ESR2	F58500	H(V)QFN56WF	SOT684-23	RFS	No	BLC4
MC33FS8500A0KS	935422842557	MC33FS8500A0KS	F58500 CO, QFN56 8*8	H(V)QFN56WF	SOT684-23	RFS	No	BLC4
MC33FS8500A0KSR2	935422842528	MC33FS8500A0KSR2	F58500 CO, QFN56 8*8	H(V)QFN56WF	SOT684-23	RFS	No	BLC4
MC33FS8510A0ES	935403813557	MC33FS8510A0ES	F58510	H(V)QFN56WF	SOT684-23	RFS	No	BLC4
MC33FS8510A0ESR2	935403813528	MC33FS8510A0ESR2	F58510	H(V)QFN56WF	SOT684-23	RFS	No	BLC4
MC33FS8510A0KS	935422844557	MC33FS8510A0KS	F58500 CO, QFN56 8*8	H(V)QFN56WF	SOT684-23	RFS	No	BLC4
MC33FS8510A0KSR2	935422844528	MC33FS8510A0KSR2	F58500 CO, QFN56 8*8	H(V)QFN56WF	SOT684-23	RFS	No	BLC4
MC33FS8510A2ES	935377484557	MC33FS8510A2ES	F58500	H(V)QFN56WF	SOT684-23	RFS	No	BLC4
MC33FS8510A2ESR2	935377484528	MC33FS8510A2ESR2	F58500	H(V)QFN56WF	SOT684-23	RFS	No	BLC4
MC33FS8510A2KS	935422831557	MC33FS8510A2KS	F58500 CO, QFN56 8*8	H(V)QFN56WF	SOT684-23	RFS	No	BLC4
MC33FS8510A2KSR2	935422831528	MC33FS8510A2KSR2	F58500 CO, QFN56 8*8	H(V)QFN56WF	SOT684-23	RFS	No	BLC4
MC33FS8510D3ES	935397679557	MC33FS8510D3ES	F58510	H(V)QFN56WF	SOT684-23	RFS	No	BLC4
MC33FS8510D3ESR2	935397679528	MC33FS8510D3ESR2	F58510	H(V)QFN56WF	SOT684-23	RFS	No	BLC4
MC33FS8510D3KS	935422833557	MC33FS8510D3KS	F58500 CO, QFN56 8*8	H(V)QFN56WF	SOT684-23	RFS	No	BLC4
MC33FS8510D3KSR2	935422833528	MC33FS8510D3KSR2	F58500 CO, QFN56 8*8	H(V)QFN56WF	SOT684-23	RFS	No	BLC4
MC33FS8520A0ES	935410578557	MC33FS8520A0ES	F58500	H(V)QFN56WF	SOT684-23	RFS	No	BLC4
MC33FS8520A0ESR2	935410578528	MC33FS8520A0ESR2	F58500	H(V)QFN56WF	SOT684-23	RFS	No	BLC4
MC33FS8520A0KS	935422828557	MC33FS8520A0KS	F58500 CO, QFN56 8*8	H(V)QFN56WF	SOT684-23	RFS	No	BLC4
MC33FS8520A0KSR2	935422828528	MC33FS8520A0KSR2	F58500 CO, QFN56 8*8	H(V)QFN56WF	SOT684-23	RFS	No	BLC4

MC33FS8530A0ES	935358751557	MC33FS8530A0ES	FS8500	H(V)QFN56WF	SOT684-23	RFS	No	BLC4
MC33FS8530A0ESR2	935358751528	MC33FS8530A0ESR2	FS8500	H(V)QFN56WF	SOT684-23	RFS	No	BLC4
MC33FS8530A0KS	935422835557	MC33FS8530A0KS	FS8500 C0, QFN56 8*8	H(V)QFN56WF	SOT684-23	RFS	No	BLC4
MC33FS8530A0KSR2	935422835528	MC33FS8530A0KSR2	FS8500 C0, QFN56 8*8	H(V)QFN56WF	SOT684-23	RFS	No	BLC4
MC33FS8530A1ES	935377479557	MC33FS8530A1ES	FS8500	H(V)QFN56WF	SOT684-23	RFS	No	BLC4
MC33FS8530A1ESR2	935377479528	MC33FS8530A1ESR2	FS8500	H(V)QFN56WF	SOT684-23	RFS	No	BLC4
MC33FS8530A1KS	935422837557	MC33FS8530A1KS	FS8500 C0, QFN56 8*8	H(V)QFN56WF	SOT684-23	RFS	No	BLC4
MC33FS8530A1KSR2	935422837528	MC33FS8530A1KSR2	FS8500 C0, QFN56 8*8	H(V)QFN56WF	SOT684-23	RFS	No	BLC4
MC33FS8530A4ES	935380403557	MC33FS8530A4ES	FS8530	H(V)QFN56WF	SOT684-23	RFS	No	BLC4
MC33FS8530A4ESR2	935380403528	MC33FS8530A4ESR2	FS8530	H(V)QFN56WF	SOT684-23	RFS	No	BLC4
MC33FS8530A4KS	935422839557	MC33FS8530A4KS	FS8500 C0, QFN56 8*8	H(V)QFN56WF	SOT684-23	RFS	No	BLC4
MC33FS8530A4KSR2	935422839528	MC33FS8530A4KSR2	FS8500 C0, QFN56 8*8	H(V)QFN56WF	SOT684-23	RFS	No	BLC4